

Name: \_\_\_\_\_

**at1110paper\_practice\_test (v32)**

1. Expand the following expression into standard form.

$$(9x - 2)^2$$

2. Solve the equation.

$$(6x - 5)(8x + 9) = 0$$

3. Factor the expression.

$$64x^2 - 81$$

4. Expand the following expression into standard form.

$$(3x - 4)(3x + 4)$$

5. Factor the expression.

$$x^2 + 7x + 12$$

6. Solve the equation.

$$11x^2 - 20x + 13 = 4x^2 + 3x - 5$$

7. Solve the equation with factoring by grouping.

$$10x^2 - 8x + 15x - 12 = 0$$

8. Expand the following expression into standard form.

$$(8x - 7)(4x - 5)$$